Cisco 5500 Series Wireless Controller Licensing and Ordering Guide

The Cisco® 5500 Series Wireless Controller is a highly scalable and flexible platform that enables systemwide functions for mission-critical wireless in medium-sized to large enterprises and campus environments. Designed for 802.11n performance and maximum scalability, the 5500 Series can support up to 250 access points for business-critical wireless services at locations of all sizes. The 5500 Series offers flexible upgrade license options so that increased access point capacity can be added as your wireless network evolves and grows.

The 5500 Series Controller can be ordered to support 12, 25, 50, 100 or 250 access points with a base capacity license. Additional capacity can be obtained with additive license upgrades available in 25, 50 or 100 access point increments. Upgrade licenses can be added to the base license at any time to achieve a maximum capacity of 250 access points as needed.

The standard software offering on the 5500 series controller includes the OfficeExtend solution for secure, mobile teleworking, the Control and Provisioning of Wireless Access Points (CAPWAP) data encryption for added security across remote WAN/LAN links and Enterprise Wireless Mesh, which allows access points to dynamically establish wireless connections in locations where it may be difficult or impossible to physically connect to the wired network. These features are available as part of the base license feature set in software version 6.0.XXX or greater.

All necessary licenses for access point support are factory installed, and licenses and product authorization keys (PAK) are preregistered to the serial numbers, no additional licensing steps are necessary after the receipt of equipment. Additional licenses are only necessary when adding support for additional access points. See the "Additive Capacity Licenses" section for more details.

Standard Feature Set and Accessories

Table 1 provides ordering information for the Cisco 5500 Series with the standard feature set, and Table 2 provides ordering information for 5500 Series accessories.

Table 1. Ordering Information for Cisco 5500 Series Wireless Controllers

Part Number	Product Name	SMARTnet 8x5xNBD
AIR-CT5508-12-K9	5500 Series Wireless Controller for up to 12 Cisco access points	CON-SNT-CT0812
AIR-CT5508-25-K9	5500 Series Wireless Controller for up to 25 Cisco access points	CON-SNT-CT0825
AIR-CT5508-50-K9	5500 Series Wireless Controller for up to 50 Cisco access points	CON-SNT-CT0850
AIR-CT5508-100-K9	5500 Series Wireless Controller for up to 100 Cisco access points	CON-SNT-CT08100
AIR-CT5508-250-K9	5500 Series Wireless Controller for up to 250 Cisco access points	CON-SNT-CT08250

Table 2. Accessories for Cisco 5500 Series Wireless Controllers

Part Number	Product Name
AIR-PWR-5500-AC=	5500 Series Wireless Controller Redundant AC Power Supply
AIR-FAN-5500=	5500 Series Wireless Controller Fan Tray
AIR-CT5500-RK-MNT	5500 Series Wireless Controller Spare mounting kit

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Additive Capacity Licenses

The following additive capacity licenses are available for the Cisco 5500 Series:

Table 3. Ordering Information for Cisco 5500 Series Wireless Controllers Additive Capacity Licenses (e-delivery PAK's)

	Part Number	Product Description	SMARTnet 8x5xNBD
e-License	L-LIC-CT5508-UPG	Primary upgrade SKU: Pick any number or combination of the following options under this SKU to upgrade one or many controllers under one product authorization key	CON-SNT-LCTUPG
	L-LIC-CT5508-25A	25 AP Adder License for the 5508 Controller (eDelivery)	CON-SNT-LCT25A
	L-LIC-CT5508-50A	50 AP Adder License for the 5508 Controller (eDelivery)	CON-SNT-LCT50A
	L-LIC-CT5508-100A	100 AP Adder License for the 5508 Controller (eDelivery)	CON-SNT-LCT100A

Table 4. Ordering Information for Cisco 5500 Series Wireless Controllers Additive Capacity Licenses (Paper PAK's)

	Part Number	Product Description	SMARTnet 8x5xNBD
Paper License	LIC-CT5508-UPG	Primary upgrade SKU: Pick any number or combination of the following options under this SKU, to upgrade one or many controllers under one product authorization key.	CON-SNT-LCTUPG
	LIC-CT5508-25A	25 AP Adder License for the 5508 Controller	CON-SNT-LCT25A
	LIC-CT5508-50A	50 AP Adder License for the 5508 Controller	CON-SNT-LCT50A
	LIC-CT5508-100A	100 AP Adder License for the 5508 Controller	CON-SNT-LCT100A

The additive capacity licenses allow for the increase in access point capacity supported by the controller upto a maximum of 250 Access points. As an example, if a controller was initially ordered with the 100 access point support, that capacity could be later increased to upto 250 access points by purchasing a 100 access point and a 50 access point additive capacity license (1x LIC-CT5508-100 and 1x LIC-CT5508-50).

A certificate with a PAK is required to add additional access point capacity on the Cisco 5500 Series Wireless Controller.

The certificate may be expedited via email. If a paper certificate is required for customs, it should be ordered to ship via U.S. mail. Each additive capacity license and PAK must be registered prior to installation.

Ordering and installing the Cisco 5500 Series Wireless Controller additive capacity licenses is a three-step process:

1. Select the correct SKU for email or paper delivery.
2. Register the PAK certificate. (See Registering PAK Certificate).
3. Install the license on the Cisco 5508 Series Wireless Controller. (See Installing License).

Please review the Cisco Wireless LAN Controller Configuration Guide, Release 6.0, for detailed ordering, registration and installation information for the 5500 Series additive capacity licenses.

Electronic delivery of the same PAK's is available by ordering the e-License SKUs as listed in Table 3. If a paper certificate is required, please use the SKUs listed in Table 4.

If you order paper certificate additive capacity licenses as listed in Table 4, regular delivery lead times apply.

Step-By-Step Ordering of the 5500 Series Controller

Follow the steps below to order the 5500 Series Controller with base capacity:

1. Select the base capacity SKU from table 1 (example AIR-CT5508-100-K9)
2. Go to the ordering webpage (http://www.cisco.com/en/US/partner/ordering/index.shtml)
3. Select the Dynamic Configuration Tool or the Multi-Line Configurator

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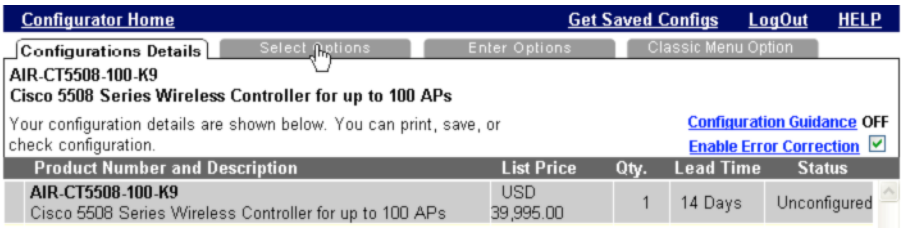
4. Enter the selected SKU as shown below:

5. Select the “Select Options” tab



6. The Select Options tab provides for the following options:

   - CT5508 Redundant Power Supply options

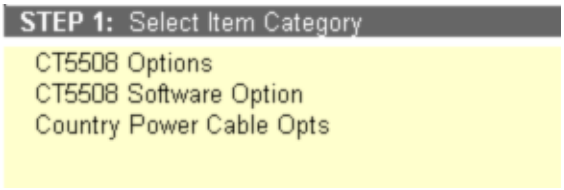
     Select this option if you want to include a redundant power supply, as part of this option select the appropriate power cable

   - CT5508 Software options

     Select the software version that you would like the controller to be shipped with, if none selected, the default version will be shipped

   - Country Power Cable options

     Select the appropriate power cable, if none is selected the North American power cable type will be shipped



Follow the steps below to order additive capacity licenses for the 5500 series controller:

1. Select the primary upgrade SKU based on the preferred method of license PAK delivery (paper or e-delivery) as shown in table 3 or 4.

   a. LIC-CT5508-UPG (Paper Delivery)

   b. L-LIC-CT5508-UPG (Paper Delivery)

2. Go to the ordering webpage (http://www.cisco.com/en/US/partner/ordering/index.shtml)
3. Select the Dynamic Configuration Tool or the Multi-Line Configurator
4. Enter the selected SKU as shown below:

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5. Select the “Select Options” tab

6. The Select Options tab provides the option for selecting the additional additive capacity licenses as listed in tables 3 and 4.

PAK Certificate Registration

Customers are required to register a PAK certificate for all additive capacity licenses for the Cisco 5500 Series Wireless Controllers. Customer email address and host name are required to register the PAK certificate at http://cisco.com/go/license.

Installing License on Cisco WCS Server

Follow these steps to install a license file. If you need additional help, contact Cisco Technical Assistance Center (TAC) at 800 553-2447 or tac@cisco.com.

1. Install Cisco WCS software if not already completed.
2. Save the license file (.lic) to a temporary directory on your hard drive. (You will receive an email from Cisco with an attached license file).
3. Open a supported version of the Internet Explorer browser.
4. In the location or address field, enter the following URL, replacing IP address with the IP address or host name of the Cisco WCS server: **https: // <IP address>**.
5. Log in to the Cisco WCS server as system administrator. (Be aware that usernames and passwords are case-sensitive.).
6. From the Help menu select **Licensing**.
7. On the Licensing page, from the command menu select **Add License...**.
8. On the Add License page, click **Browse** to navigate to the location where you saved the .lic file.
9. Click **Download**. The Cisco WCS server imports the license.

Cisco Wireless LAN Services

Cisco and our specialized partners offer a broad portfolio of end-to-end services to help you improve your organization's productivity and collaboration by assisting with the readiness, deployment and optimization of your wireless network and mobility services. Our services help you successfully deploy the 5500 Series Wireless Controller and integrate mobility solutions effectively to lower the total cost of ownership and secure your wireless network. To learn more about Cisco Wireless LAN Service offers, please visit http://www.cisco.com/go/wirelesslanservices.

Cisco WLAN Advanced Services Consulting is available for the planning and deployment stages to help ensure the successful integration of the Cisco 5500 Series Wireless Controller in your network. Cisco WLAN Advanced Services Consulting can be ordered with the SKU listed in Table 5.

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Please contact your Cisco Sales representative with the information required for a pricing quote:

- Number of sites
- Desired coverage area (square feet or square miles)
- Estimated number of access points per site
- Advanced Mobility Services and required applications

Table 5. Ordering Information for planning and deployment consulting services for the Cisco 5500 Series Wireless Controllers

Part Number	Service Name
AS-WLAN-CNSLT	Cisco WLAN Advanced Services Consulting

Americas Headquarters
Cisco Systems, Inc.
San Jose, CA

Asia Pacific Headquarters
Cisco Systems (USA) Pte. Ltd.
Singapore

Europe Headquarters
Cisco Systems International BV
Amsterdam, The Netherlands

Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco Website at www.cisco.com/go/offices.

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